BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Information Technology Pearson BTEC International Level 3 Subsidiary Diploma in Information Technology Pearson BTEC International Level 3 Foundation Diploma in Information Technology Pearson BTEC International Level 3 Diploma in Information Technology Pearson BTEC Level 3 National Extended Diploma in Information Technology
Unit number and title	**Unit 18: The Internet of Things**
Learning aim(s) (For NQF only)	**A:** Examine systems and services that form part of the Internet of Things
Assignment title	The Internet of Things and how can it be used.
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You have recently started work as an IT technician in the technical department of a small company that specialises in security systems and burglar alarms. The director of the company is interested in investigating if the company could make use of Internet of Things (IoT) technologies in its products and services and your manager has asked you to look into what is involved in this area.

Task 1	Create a Wiki in which you evaluate IoT systems from different sectors including home and industrial/transportation. Your evaluation should cover the purpose, applications, principles and characteristics of the systems, covering at least 4 different devices used in 2 different sectors. You should also cover the benefits and risks of each system. Your wiki should be logically structured and easy to read by a third party, using appropriate technical language throughout.

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Checklist of evidence required	Completed wiki
Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate the purpose, applications, principles and characteristics of IoT systems and/or services from different sectors.
A.M1	Compare the purpose, applications, principles and characteristics of IoT systems and/or services from different sectors.
A.P1	Describe the purpose and application of IoT systems and/or services from different sectors.
A.P2	Explain the principles and characteristics of IoT systems and/or services from different sectors.

Sources of information to support you with this Assignment	Books: Kellmereit D and Obodoovski D, The Silent Intelligence: The Internet of things. DND Ventures LLC 2013. 978-0989973700 Bahga A and Madisetti V, Internet of Things: A Hands-On Approach. VPT 2013. 978-0996025515 E-books: BBVA Innovation Centre, Internet of Things (Innovation Trends Series). B015OTDZCG Darnell L. The Internet of Things: A Look at Real-World Use Cases and Concerns. B017M7S0A0
Other assessment materials attached to this Assignment Brief	*e.g., work sheets, risk assessments, case study*